Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application.

Listing of Claims:

Claims 1-4: cancelled

Claim 5. (Currently Amended) ~~The~~ A quality control device ~~of claim 1, further~~ for voice

packet communications for transmitting voice packets through a quality non-assurance type

network, the device comprising:

a buffer memory for temporarily storing voice packets received through the network and

forming a queue of the received voice packets;

queue operating means for operating the queue in accordance with an operation control

signal to be supplied, said queue operating means including a deletion operation portion for

deleting from the queue voice packets having like-voice absence properties, being dispersed onto

the queue which correspond to an operation position on the queue according to an operation

position specifying signal being supplied;

sequence examining means for examining like voice-absence properties of a sequence of

voice information contained in a plurality of voice packets that constitute the queue stored in the

buffer memory;

operation control means for changing the operation control signal in accordance with an

examination result of the sequence examining means, said operation control means

including an operation position determining portion for determining an operation position

corresponding to voice packets having like-voice absence properties, being dispersed onto the queue and outputting said operation position specifying signal as said operation control signal by the use of an examination result of the sequence examining means;

increase/decrease tendency detecting means for detecting an increase and decrease tendency of a frequency in which a large and small relationship between voice power on a voice reception path and voice power on a voice transmission path changes the-per unit time by detecting voice power for a voice signal on the voice reception path corresponding to a transmission direction of a voice packet that constitutes the queue and a voice signal on the voice transmission path opposite to the direction where a voice is received;

threshold managing means for managing an upper limit threshold set at least on an upper limit side with respect to a length of the queue; and

second upper limit threshold changing means for changing an upper limit threshold in accordance with an increase and decrease tendency detected by the increase/decrease tendency detecting means.

Claim 6. Cancelled

Claim 7. (Currently Amended) The quality control device of claim 1, further A quality control device for voice packet communications for transmitting voice packets through a quality non-assurance type network. the device comprising:

a buffer memory for temporarily storing voice packets received through the network and

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forming a queue of the received voice packets;

queue operating means for operating the queue in accordance with an operation control signal to be supplied, said queue operating means including a deletion operation portion for deleting from the queue voice packets having like-voice absence properties, being dispersed onto the queue which correspond to an operation position on the queue according to an operation position specifying signal being supplied;

sequence examining means for examining like voice-absence properties of a sequence of voice information contained in a plurality of voice packets that constitute the queue stored in the buffer memory;

operation control means for changing the operation in accordance with an examination result of the sequence examining means, said operation control means including an operation position determining portion for determining an operation position corresponding to voice packets having like-voice absence properties, being dispersed onto the queue and outputting said operation position specifying signal as said operation control signal by the use of an examination result of the sequence examining means;

dual-talk duration extension/contraction tendency detecting means for detecting an extension/contraction tendency of a length of dual-talk duration during which both the voice signal on the voice reception path and the voice signal on the voice transmission path reach a state of voice presence by making a voice presence/absence judgement for a voice signal on a voice reception path corresponding to a transmission direction of a voice packet that constitutes

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the queue and a voice signal on a voice transmission path opposite to the direction where a voice

is received;

threshold managing means for managing an upper limit threshold set at least on an upper

limit side with respect to a length of the queue;

first upper limit threshold changing means for changing the upper limit threshold; and

queue length monitoring means for monitoring a relationship between a length of the

queue and an upper limit threshold;

wherein the first upper limit threshold changing means lowers the upper limit threshold

when a tendency that the dual-talk duration extends is detected by the dual-talk duration

extension/contraction tendency detecting means, and the first upper limit threshold changing

means raises the upper limit threshold when a tendency that the dual-talk duration contracts is

detected by the dual-talk duration extension/contraction tendency detecting means.

Claim 8. (*Currently Amended*) ~~The~~ A quality control device ~~of claim 1, further~~ for voice

packet communications for transmitting voice packets through a quality non-assurance type

network, the device comprising:

a buffer memory for temporarily storing voice packets received through the network and

forming a queue of the received voice packets;

queue operating means for operating the queue in accordance with an operation control

signal to be supplied, said queue operating means including a deletion operation portion for

deleting from the queue voice packets having like-voice absence properties, being dispersed onto

the queue which correspond to an operation position on the queue according to an operation position specifying signal being supplied;

sequence examining means for examining like voice-absence properties of a sequence of voice information contained in a plurality of voice packets that constitute the queue stored in the buffer memory;

operation control means for changing the operation control signal in accordance with an examination result of the sequence examining means, said operation control means including an operation position determining portion for determining an operation position corresponding to voice packets having like-voice absence properties, being dispersed onto the queue and outputting said operation position specifying signal as said operation control signal by the use of an examination result of the sequence examining means;

increase/decrease tendency detecting means for detecting an increase and decrease tendency of a frequency in which a large and small relationship between voice power on a voice reception path and voice power on a voice transmission path changes the per unit time by detecting voice power for a voice signal on the voice reception path corresponding to a transmission direction of a voice packet that constitutes the queue and a voice signal on the voice transmission path opposite to the direction where a voice is received;

threshold managing means for managing an upper limit threshold set at least on an upper limit side with respect to a length of the queue; and

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second upper limit threshold changing means for lowering an upper limit threshold when an increase tendency exists in a count value outputted by the increase/decrease tendency detecting means that outputs a positive value when a power at the decoder's side is large, outputs a negative value when the power at the decoder's side is small, and counts zero-cross times of the output value, said second upper limit threshold changing means raising the upper limit threshold when a decrease tendency exists in the count value output by the increase/decrease tendency detecting means.

Claim 9. Cancelled